

Converting Colors

CIELCh(38, 35.446, 343.181)

Have a look what the booklet for
CIELCh(38, 35.446, 343.181)
contains.

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Color

CIELCh(38, 35.446, 343.181)

Conversions

Conversions Part 1

Format	Color
Hex	86436B
RGB	134, 67, 107
RGB Percent	53%, 26%, 42%
CMY	0.4756, 0.7382, 0.5814
CMYK	0.00, 0.50, 0.20, 0.48
HSL	324°, 33%, 39%
HSV	324°, 50%, 52%
XYZ	14.4225, 10.0881, 15.0288
YIQ	91.5930, 27.0920, 26.6440

Conversions

Conversions Part 2

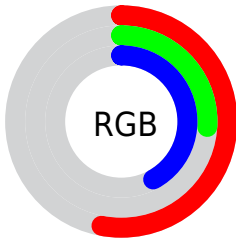
Format	Color
R_{YB}	134, 67, 107
Decimal	8799083
CIE _{Lab}	38.00, 33.93, -10.26
CIE _{LCh}	38, 35.446, 343.181
Yxy	10.0881, 0.3648, 0.2551
Android (android.graphics.Color)	4286989163 (0xFF86436B)
YUV	91.5930, 7.5957, 37.1909
Hunter-Lab	31.7617, 25.4712, -5.8213

Details

The CIELCh color **38, 35.446, 343.181** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **51, 34.511, 153.976**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 35.558, 343.469**, and **18, 35.383, 342.885** is the 20% darker color. If you saturate the color by 10%, you get **35, 41.578, 344.415**, and if you desaturate by 10%, it is **41, 28.686, 342.106**.

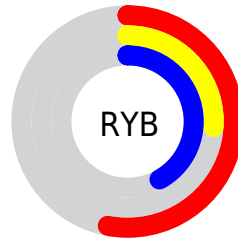
Distribution



Red (53%)

Green (26%)

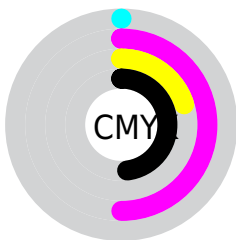
Blue (42%)



Red (53%)

Yellow (26%)

Blue (42%)

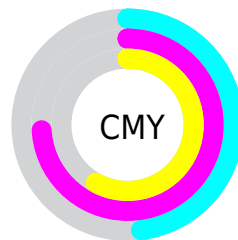


Cyan (0%)

Magenta (50%)

Yellow (20%)

Black (48%)



Cyan (48%)


Magenta (74%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 35.446, 343.181 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 38, 35.446, 343.181 by changing the saturation by 10% instead.


 38, 35.446,
343.181


 38, 35.446,
343.181

 100, 35.446,
343.181


 28, 35.446,
343.181

 58, 35.446,
343.181


 18, 35.446,
343.181


 68, 35.446,
343.181

 8, 35.446, 343.181

 78, 35.446,
343.181

 0, 35.446, 343.181

 88, 35.446,
343.181

 98, 35.446,
343.181

38, 35.446,
343.181

38, 35.446,
343.181

35, 41.578,
344.415

41, 28.686,
342.106

33, 46.754,
345.865

45, 21.587,
341.147

31, 50.639,
347.615

48, 14.360,
340.276

29, 52.998,
349.769

52, 7.153, 339.465

28, 54.299,
352.235

56, 0.062, 334.302

60, 6.859, 158.135

64, 13.579,
157.484

68, 20.087,
156.888

■ 72, 26.385,
156.333

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38, 35.446, 343.181



51, 34.511, 153.976

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38, 35.446, 343.181



38, 35.446, 33.181



38, 35.446, 163.181



38, 35.446, 213.181

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38, 35.444, 343.182



64, 13.220, 339.886



34, 42.762, 308.448



32, 8.993, 340.031



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38, 35.444, 343.182



45, 51.146, 344.583



37, 30.726, 17.437



26, 3.971, 339.388



28, 53.239, 352.145



0, 0.943, 338.762

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38, 35.444, 343.182



45, 51.146, 344.583



51, 23.197, 187.328



26, 3.971, 339.388



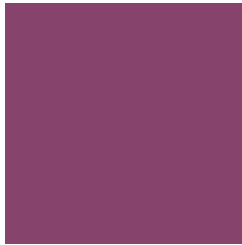
28, 53.239, 352.145



0, 0.943, 338.762

Previews

White Background



This preview shows how the CIELCh color 38, 35.446, 343.181 looks on a white background.

Color Contrast Check

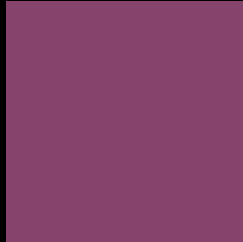
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 38, 35.446, 343.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

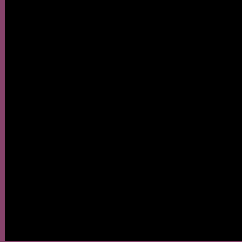
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 35.446, 343.181

Background



This preview shows how black text looks on a background with the CIELCh color 38, 35.446, 343.181.



This preview shows how white text looks on a background with the CIELCh color 38, 35.446, 343.181.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

38, 35.446, 343.181

Protanopia

38, 20.415, 284.352

Deuteranopia

38, 9.399, 301.428



Tritanopia
38, 26.431, 17.336

Trichromacy



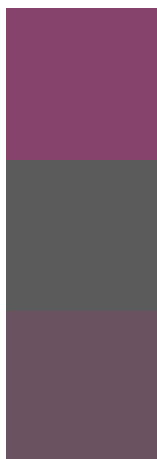
Original Color
38, 35.446, 343.181

Protanomaly
38, 22.874, 311.876

Deuteranomaly
38, 18.422, 329.000

Tritanomaly
38, 28.138, 3.173

Monochromacy



Original Color
38, 35.446, 343.181

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 13.960, 340.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 35.446, 343.181 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(134, 67, 107)` looks like.

```
.text, #text, p{  
    color:rgb(134, 67, 107)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(134, 67, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 67, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 35.446, 343.181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 67, 107) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(134, 67, 107) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(134, 67, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 67, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 67, 107);  
box-shadow:4px 4px 4px 4px rgb(134, 67,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 35.446, 343.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 67, 107) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(134, 67,  
107) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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